

**REMARKS**

Reconsideration and withdrawal of all grounds of rejection are respectfully requested in light of the above amendments and the following remarks. New claim 12 has been added. Claims 1-12 are pending herein.

Independent claims 1 and 9 have been amended to recite more particularly claim the invention. Specifically, claim 1 and 9 included the limitation that the method estimates *one signal parameter condition* of the received input signal. Support is found at least on page 10, line 29 through page 12, line 11 of the specification.

**Summary of the Rejections:**

Claims 1-3 and 7-9 stand rejected under 35 U.S.C. §102(b) as allegedly being anticipated by Lalit Rai Bahl et al. (EP 0 788 090, published August 6, 1997).

Claims 4-6 and 10-11 stand rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Lalit Rai Bahl et al. in view of Vikram Krishnmurthy et al. ("On-Line Estimation of Hidden Markov Model Parameters Based on the Kullback-Leibler Information Measure", IEEE Trans. SP, August 1993).

**Applicants' Traversal:**

(1) With regard to claims 1-3 and 7-9, as amended, it is respectfully submitted that none of these claims are anticipated by Lalit Rai Bahl et al..

Applicants can find nothing in anticipated by Lalit Rai Bahl et al. that teach, shows or suggest the limitation of estimating an originally uttered speech signal based on the

received input signal using an initial predetermined processing model and processing the estimated original signal using to the selected model, as amended in claims 1 and 9.

The Office Action indicated these limitations are shown in Lalit Rai Bahl et al. in the Abstract. Applicants respectfully disagree. Lalit Rai Bahl et al., teaches that different classes of [speech] data are automatically identified, then each class is transcribed by a system that is specifically made for it. Thus, Lalit Rai Bahl et al. does not show the claimed limitations of an initial estimation of the originally uttered speech signal and then processing this estimated original signal with a further selected model.

Since Lalit Rai Bahl et al. does not teach or suggest all of the features of amended independent claims 1 and 9, as recited above, applicant respectfully submits that this claim is allowable and patentable under 35 U.S.C. § 102.


Claims 2-8 and 10-12 in this application are each dependent from one or the other of independent claims discussed above and are, therefore, believed allowable and patentable under 35 U.S.C. § 102 and 103 for the same reasons.

Reconsideration and withdrawal of this ground of rejection are respectfully requested.

For all the foregoing reasons, it is respectfully submitted that all the present claims are patentable in view of the cited references. A Notice of Allowance is respectfully requested.

Respectfully submitted,

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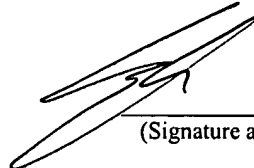
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